B.B.M.P

BRUHAT BENGALURU MAHANAGARA PALIKE

YELAHANKA ZONE

DIVISION: BYATARAYANAPURA

SUB DIVISION: KODIGEHALLI

Name of Work: Estimate for Supply and Installation of CCTV Cameras at Selected Points and Maintenance of Existing CCTV Camera in Ward No. 09, Amruthahalli.

Estimated Cost Rs. 20.00 Lakhs

BRUHAT BANGALORE MAHANAGARA PALIKE
YELAHANKA ZONE

Name of Work: Estimate for Supply and Instalation of CCTV Camaras at Selected Points and Maintenance of Existing CCTV Camara in Ward No. 09, Amruthahalli.

			Estimate Cost:						2000000.00
Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	Outdoor PLZ IP Cameras with 20 X optical zoom with controller along with suitable mounting system (PTZ Pan Tilt and Zoom feature is availbale in this camera can be contolled by the software for pan Tilt and zoom feature at the contol center and can be programmed to view at different angles and zoom level continuosly. It operates at day and night and the viewing distance at clarity is about 100 metres	Nos							
	Approved Data Rate								
	In Ward limits		2				2.00		
							2.00	78462.00	**156924.00**
	Total	78462.00							
2	Bracket (Corner Mount / Pole Mount/ Wall Mount) for mounting the PTZ camera.	Nos							
	Approved Data Rate								
	In Ward limits		12				12.00		
							12.00	4267.00	**51204.00**
	Total	4267.00							
3	Outdoor 50 Meter IP Cameras with IR & Mounting Bracket (with IR for day and night vision and can provide a viewing distance of 50 metres)	Nos							
	Approved Data Rate								
	In Ward limits		12				12.00		
							12.00	21160.00	**253920.00**
	Total	21160.00							
4	Bracket and weatherproof Installation kit for 50 Meter IP Camera	Nos							
	SR Page no 15, Item no 4.18								
	Approved Data Rate								
	In Ward limits		12				12.00		
							12.00	1545.00	**18540.00**
	Total	1545.00							
5	Outdoor 30 Meter IP Cameras with IR & Mounting Bracket (with IR for day and night vision and can provide a viewing distance of 30 metres)	Nos							
	Approved Data Rate								
	In Ward limits		10				10.00		
							10.00	15260.00	**152600.00**
	Total	15260.00							
6	Bracket and weatherproof Installation kit for 30 Meter IP Camera	Nos							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Approved Data Rate								
	In Ward limits		12				12.00		
							12.00	1491.00	**17892.00**
	Total	1491.00							
7	32 Channel NVR DS 7732 NI- E4 (with 4 Sata Option) the control box and the recording device to connect upto 32 devices, can be cascaded to provide additional cameras	Nos							
	Approved Data Rate								
	In Ward limits		2				2.00		
							2.00	66982.00	**133964.00**
	Total	66982.00							
8	12 TB NAS Box for Back up (NET GEAR) provides storage for the recorded data for quick view back and storage	Nos							
	Approved Data Rate								
	In Ward limits		2				2.00		
							2.00	257420.00	**514840.00**
	Total	257420.00							
9	4 TB SATA for storage and fitted in the NVR Device for storage	Nos							
	Approved Data Rate								
	In Ward limits		4				4.00		
							4.00	22850.00	**91400.00**
	Total	22850.00							
10	A suitable sheet metal control panel to house site Equipments (Weather Proof) The power supply and the ethernet connectivity adaptor is stored in this box.	Nos							
	Approved Data Rate								
	In Ward limits		12				12.00		
							12.00	1526.00	**18312.00**
	Total	1526.00							
11	Power supply for the camera.	Nos							
	Approved Data Rate								
	In Ward limits		12				12.00		
							12.00	461.00	**5532.00**
	Total	461.00							
12	Ethernet Switch for connectivity to Internet and Camera	Nos							
	Approved Data Rate								
	In Ward limits		12				12.00		
							12.00	950.00	**11400.00**
	Total	950.00							
13	Supply & Laying of Network and Power Cables from Camera to the control Box.	Nos							
	Approved Data Rate								
	In Ward limits		12				12.00		
							12.00	389.00	**4668.00**
	Total	389.00							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
14	Video Manager Application Software for Display and Management of Camera on Video Display.	Nos							
	Approved Data Rate								
	In Ward limits		10				10.00		
							10.00	20000.00	**200000.00**
	Total	20000.00							
15	Installation, Erection & commissioning charges	Nos							
	Approved Data Rate								
	In Ward limits		12				12.00		
							12.00	5060.00	**60720.00**
	Total	5060.00							
	Sub Total								**1691916.00**
	GST @ 18%								**304545.00**
	Miscellaneous								**3539.00**
								Total	**2000000.00**

Rupees Twenty Lakh(s) Only

Certificate:

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per Approved Rates.
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

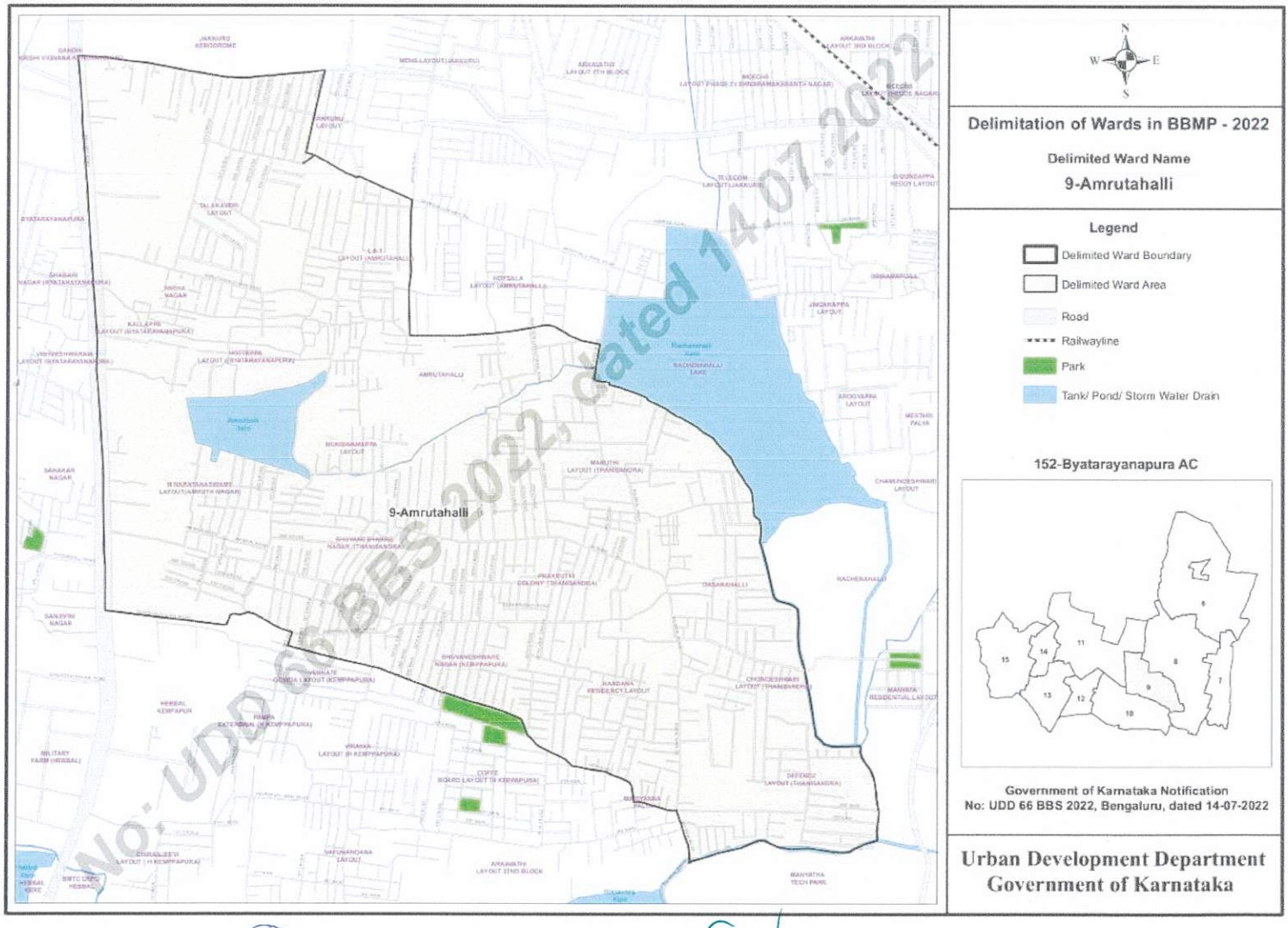
Assistant Engineer
Ward No. 09, Amruthahalli

Assistant Executive Engineer
Kodigehalli Sub Division

Executive Engineer
Byatarayanapura Division
ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ
ಬೃ.ಬೆ.ಮ.ಪಾ., ಬೆಂಗಳೂರು

Administrative Approval
Accorded For Rs. 20.00 Lakhs
Head of A/C. P3726
CER NO : 103 Dt: 16/9/22
IA
CE (Y&K)

TECHNICAL SANCTION
Accorded For Rs. Rs. 20.00 Lakh
Head of A/c. P3726
Div. Ref. No. 38 Date 16/09/2022
AE
EE(BTP)



No: UDD 66 BBS 2022, dated 14.07.2022